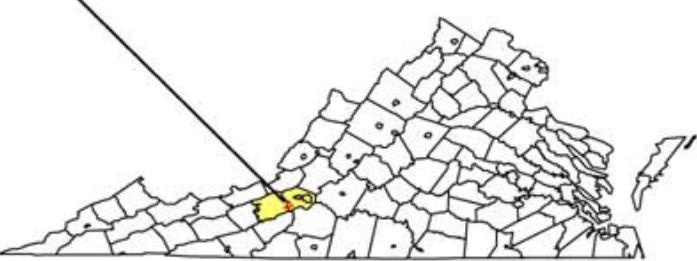


#### PROJECT LOCATION



MONTGOMERY COUNTY, VA &  
ROANOKE COUNTY, VA

#### LEGEND

- STUDY AREA
- COUNTY BOUNDARY
- PARCEL BOUNDARY
- EXISTING GAS PIPELINE
- RIVER
- PERENNIAL STREAM/CREEK
- INTERMITTENT STREAM/CREEK
- FRESHWATER POND
- INTERSTATE HIGHWAY
- U.S. HIGHWAY
- SECONDARY STATE HIGHWAY
- OTHER ROAD
- RAILROAD

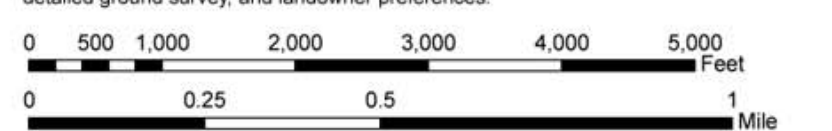
- EXISTING TRANSMISSION LINE
- EXISTING SUBSTATION
- BUS TIE No. 1 ROW CENTERLINE
- PREFERRED ROW CENTERLINE
- VIALE ALTERNATIVE ROW CENTERLINE
- 100 FT ROW BUS TIE No. 1
- 100 FT ROW PREFERRED ALTERNATIVE
- 100 FT ROW VIALE ALTERNATIVE
- 500 FT CORRIDOR BUS TIE No. 1
- 500 FT CORRIDOR PREFERRED ALTERNATIVE
- 500 FT CORRIDOR VIALE ALTERNATIVE

- KARST CAVE CONSTRAINT AREA
- KARST CONSTRAINT AREA
- CONSERVATION EASEMENT
- CAMP ROANOKE
- CULTURAL RESOURCE
- FUTURE LAND USE
- CEMETERY
- STRUCTURES WITHIN 500 FEET OF ROW CENTERLINE
- RESIDENCE
- BARN/SHED/GARAGE
- CHURCH

#### NOTE:

Property lines on this map were obtained from the Roanoke County and Montgomery County GIS databases. Property lines shown on this map are approximate, are not based on accurate ground survey, and are therefore not to be construed or used as exact depictions of legal boundaries.

A final 100-foot wide right-of-way (ROW) will be sited within the proposed bus tie 500-foot corridor and the proposed preferred or viable alternative 500-foot corridor. The locations of the 100-foot centerline shown are not necessarily the final alignments or the actual locations within the proposed corridors of any structures or angle points. The 100-foot ROW centerline represents an optimal location based upon the data presently available. The final 100-foot ROW will be located within the proposed corridors to allow for the refinement of the location based on design needs, minimization of resource impacts, detailed ground survey, and landowner preferences.



#### MAP 1 GIS CONSTRAINTS MAP PREFERRED, VIALE ALTERNATIVE and BUS TIE No. 1 CORRIDORS

#### APPALACHIAN POWER COMPANY MATT FUNK 138 kV TRANSMISSION LINE PROJECT



REFERENCES:  
AERIAL PHOTOGRAPHY (2006, 2007)  
PROVIDED BY COMMONWEALTH OF VIRGINIA

DATE: 08/01/08